

R E M A R K S

Claims 1-16 stand rejected under 35 USC 112, second paragraph as being indefinite.

In response, the preambles of Claims 1, 13 and 15 have been amended to overcome this rejection.

In making this rejection, the Examiner questions where there is support for the recitation of "circular convoluting a signal representative of the input signal". Support for this can be found on page 4 and Figure 3 of the present application.

In view of the above, it is respectfully submitted that the claims are no longer indefinite.

Claims 15-16 stand rejected under 35 USC 101 as being directed toward non-statutory subject matter. In making this rejection it is stated that these claims recite mental steps and are not statutory.

In response, it is respectfully submitted that Claims 15-16 are statutory. First of all, all of the steps recited are not mental steps. For example, Claim 15 recites "partitioning an input signal into partitions", "for each partition updating filter coefficients..." and "updating the filter coefficients...". All these steps are not capable of being performed mentally or on paper since they are all being performed on an input signal.

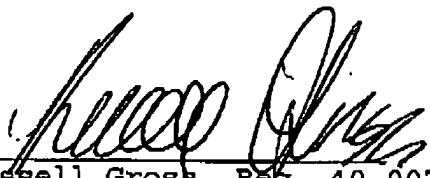
Further these steps are being performed on an input signal.
Thus, these steps are a transformation outside the computer and is related to a practical application. Therefore, it is respectfully submitted that Claims 15-16 are statutory.

Claims 1-16 have also been provisionally rejected under the judicially doctrine of obviousness type double patenting as being unpatentable over Claims 1-21 copending Application No. 09/930,679.

In response, the Applicant acknowledges this rejection and will address it after one of these applications issue.

The Commissioner is hereby authorized to credit any overpayment or charge any fee (except the issue fee) to Account No. 14-1270.

Respectfully submitted,

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